		RECEIVA
PTO/SB/08A	Comple	ete if Known
INFORMATION DISCLOSURE	Application Number	09/654,688 DEC (16 200)
STATEMENT BY APPLICANT	Filing Date	September 5, 200@NTER 1600/290
STATEMENT BY APPLICANT (use as many sheets as necessary)	First Named Inventor	Olson, et al.
3000	Group Art Unit	1653
	Examiner Name	
Sheet 1 of 4	Attorney Docket No.	BSP1-5319L

			U.S	S. PATEN	T DOCUMENTS		•
		U.S. Patent Document					
	Cite No. ¹		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
ycc	1	4,873,1	192		Kunkel	10/10/1989	
pa	2	5,028,5	588		Hoffman	07/02/1991	
			FORE	IGN PATE	ENT DOCUMENTS		
		F	oreign Patent Doc	ument			T
Examiner Initials*	Cite No. ¹	Office	Number ⁴	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Τ ⁶
KCP	3		WO 88/09179		Hoffman	12/01/88	
	4		WO 90/13645		Hoffman	11/15/90	
	5		WO 91/16349		De Angelo	10/31/91	
	6		WO 91/19505		Fronticelli	12/26/91	
	7		WO 92/11283		Townes	07/09/92	
	8		WO 92/22646		Logan	12/23/92	
<u> </u>	9		WO 93/08831		DeAngelo	05/13/93	
	10		WO 95/07932		Komiyama	03/23/95	
vacc	11		WO 95/14038		Milne	05/26/95	

|--|

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

				÷	<u> </u>
PTO/SB	/08A			Comple	te if Known
	IFORMATION	DISC	CLOSURE	Application Number	09/654,688
S	TATEMENT B	Y AP	PLICANT	Filing Date	September 5722900 TER 1600/290
(use	e as many shee	ets as	necessary)	First Named Inventor	Olson, et al.
			0 300 8	Group Art Unit	1653
		\	THE PROPERTY OF THE PARTY OF TH	Examiner Name	
Sheet	2	of	4	Attorney Docket No.	BSP1-5319L

			FOREIGI	N PATENT	DOCUMENTS cont.		
		F	oreign Patent Doc	ument	Cited Document Cited Document		
Examiner Cite No.1	Cite No. ¹	Office	Number ⁴	Kind Code ² (if known)		Date of Publication of Cited Document MM-DD-YYYY	
Ycc	12		WO 96/27388		Gerber	09/12/96	
	C	THER	PRIOR ART -	NON PAT	ENT LITERATURE DOCUM	MENTS	
Examiner Initials*	Cite No.1		m (book, magazine	, journal, seria	L LETTERS), title of the article (when al, symposium, catalog, etc.) date, paler, city and/or country where publish	ge(s), volume-issue	Τ ⁶
iège	13	Winterb	Winterbourn et al. (1974), J. Clin. Invest. 54:678-689				
	14	Ascoli (Ascoli et al. (1981), Meth. Enzymol. 76:72-87				
	15	Fermi e	et al. (1984), J. Mo	l. Biol. 175 :1	59-174		
	16	Taylor	et al. (1985), Nucl.	Acids Res. 1	13 :8749-8764		
	17	Taylor	et al. (1985), Nucl.	Acids Res. 1	13 :8765-8785		
	18	Dente e	et al. (1985), pp. 1	01-107 in DN	A Cloning,		
	19	Kunkel	(1985), Proc. Natl	. Acad. Sci. l	JSA 82 :488-492	•	
	20	Nakamaye et al. (1986), Nucl. Acids Res. 14 :9679-9698					
	21	Bunn e Aspect		er 16, pp. 63	4-662 in Hemoglobin: Molecular, G	enetic and Clinical	
	22	Chatter	jee et al. (1986), J	. Biol. Chem.	. 261 :9929-9937		
icc	23	Kleinsc	hmidt et al. (1987)	, J. Hoppe-S	eyler's Z. Biol. Chem. 368:579-615		

Signature Considered Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/0)8A			Complete if Known		
INF	ORMATION	DISC	LOSURE	Application Number	09/654,688	
	ATEMENT B			Filing Date	September 5, 2000	
(use as many sheets as necessary)				First Named Inventor	Olson, et al.	
	•			Group Art Unit	1653	
,				Examiner Name		
Sheet	3	of	4	Attorney Docket No.	BSP1-5319L	

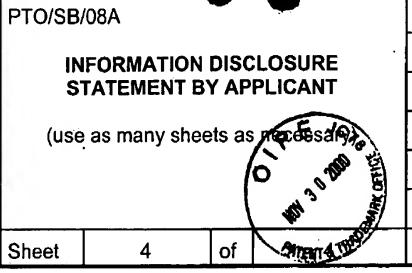
	(OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Cite No.'		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		Kunkel et al. (1987), Meth. Enzymol. 154:367-382			
	25	Vincent (1989), Semin Hematol. 26:105-113			
	26	Perutz (1989), Trends Biochem. Sci. 14:42-44			
27 Mathews et al. (1989), J. Biol. Chem. 264 :16573-16583		Mathews et al. (1989), J. Biol. Chem. 264:16573-16583	:		
	28	Hughson et al. (1990), Science 249:1544-1548			
	29 Carver et al., (1990), J. Biol. Chem. 265 :20007-20020				
	30 Jones et al. (1990), BioTechniques 8:178-183				
	31	Hoffman et al. (1990), Proc. Natl. Acad. Sci. USA 87:8521-8525			
-	32	Zhang et al. (1991), J. Biol. Chem. 266:24698-24701			
	33	Jones et al. (1991), BioTechniques 10:62-66			
	34	Mathews et al. (1991), J. Biol. Chem. 266:21631-21639			
	35	Komiyama et al. (1991), Nature 352 :349-351			
	36	Yao et al. (1992), PCR Methods and Applications, 1:205-207			
1	37	Vandegriff (1992), Biotechnology and Genetic Engineering Reviews 10:403-453			
	38	Fronticelli et al. (1993), Biochemistry 32:1235-1242			
	39	Hargrove et al. (1994), Biochemistry 33:11767-11775			
picci	40	Springer et al. (1994), Chem. Rev. 94 :699-714			

Examiner Signature	&C Carbon	Date Considered	6-22-04	
-----------------------	-----------	--------------------	---------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

^{&#}x27;Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴Applicant is to place a check mark here if English language Translation is attached.



Comple	DEC no 2007	
Application Number	09/654,688	90200
Filing Date	September !	ECA-CENTER 1600/200
First Named Inventor	Olson, et al.	
Group Art Unit	1653	
Examiner Name		
Attorney Docket No.	BSP1-5319l	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Le			
Ycc	41	Looker et al. (1994), Meth. Enzymol. 231:364-374				
	42	Hargrove et al. (1994), J. Biol. Chem. 269:4207-4214				
	43	Whitaker et al. (1995), Biochemistry 34:8221-8226				
	44	Vandegriff (1995), pp. 105-131 in Blood Substitutes: Physiological Basis of Efficacy, Birkhauser, Boston				
	45	Hargrove et al. (1996), Biochemistry 35:11293-11299				
	46	Hargrove et al. (1996), Biochemistry 35:11300-11309				
jche	47	Hargrove et al. (1996), Biochemistry 35:11310-11318				

		مستحديث والمستحدين والمستحدث والمستحدد والمستحد والمستحدد والمستحد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحدد والمستحد		
Examiner Signature	15 CCarben	Date Considered	6-22-04	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁹Applicant is to place a check mark here if English language Translation is attached.